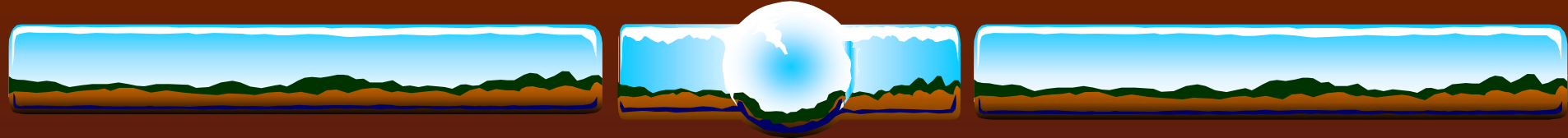


# Characterizing Iowa

2003 Traffic Records Forum

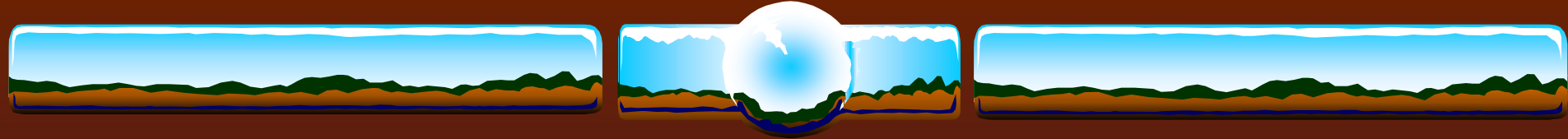
Denver, CO

July 16, 2003



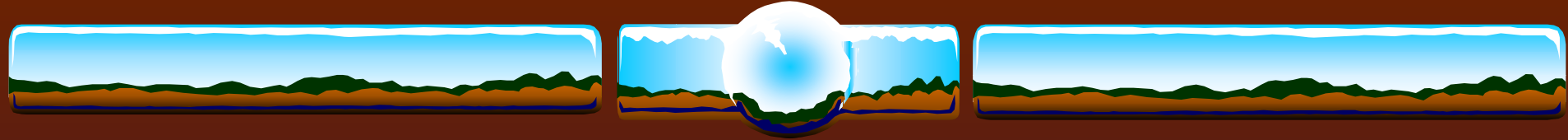
# Iowa

- ❖ ~ 3 million people
- ❖ ~ 65,000 crashes (all roads)
  - ❖ Fatal and injury + > \$1,000 Property Damage
  - ❖ Past: ~ 13 months lag – Future: < 3 month lag
  - ❖ MMUCC-compliant
- ❖ Older population, largely rural, snow/ice, deer, corn, and no mountains!!!



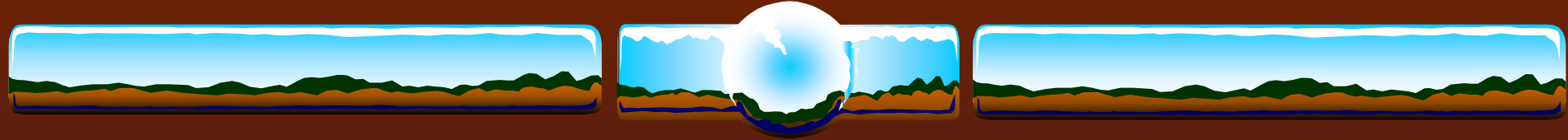
# Multidisciplinary

- ❖ Statewide traffic records system
  - ❖ Organizational/analytical relationships
  - ❖ Partnering: state/local & state/state
- ❖ SMS/STRAC
  - ❖ Broad-based, both topically and professionally



# Data Systems

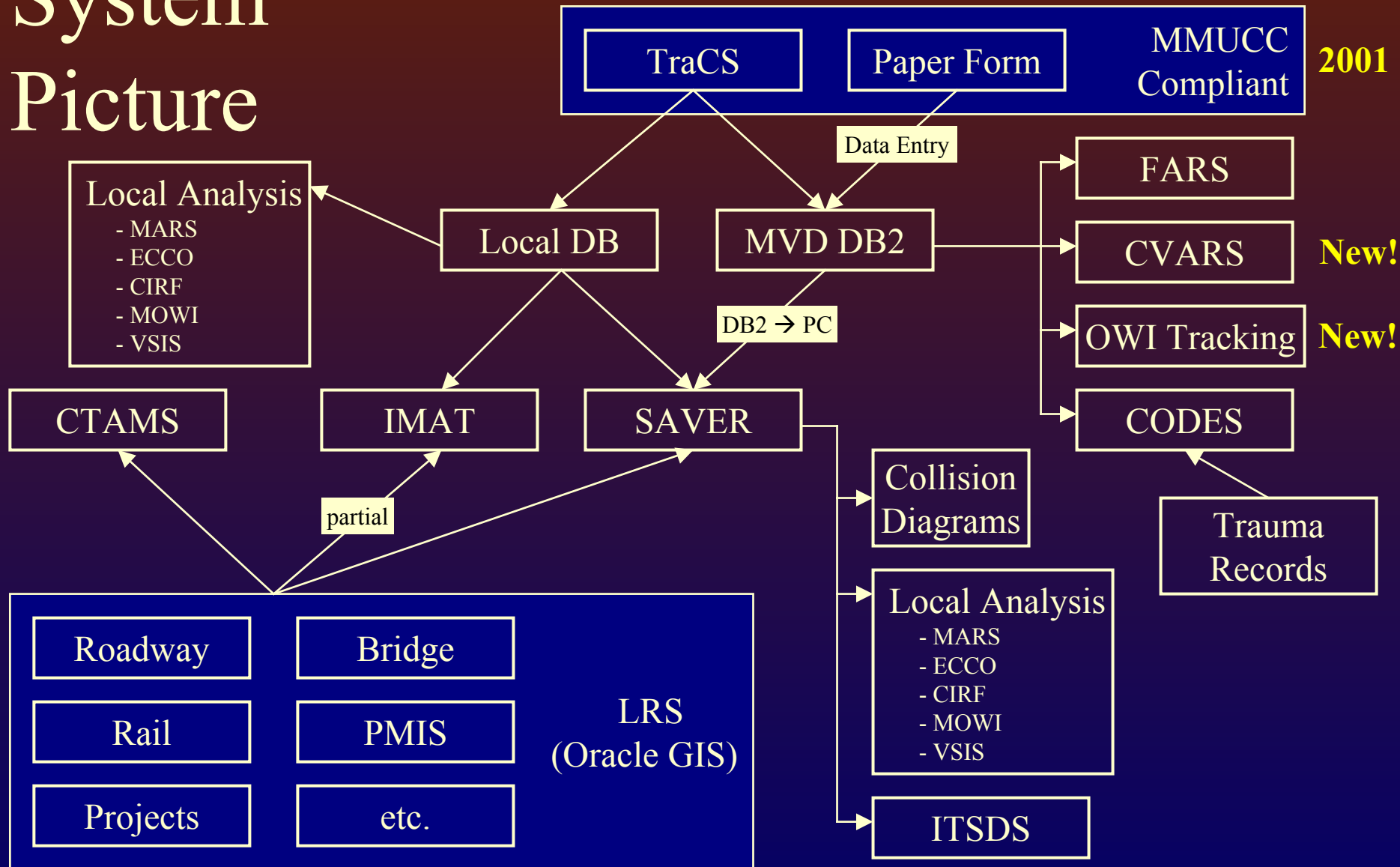
- ❖ TraCS
- ❖ CODES
- ❖ FARS
- ❖ CVARS
- ❖ OWI Tracking
- ❖ LRS

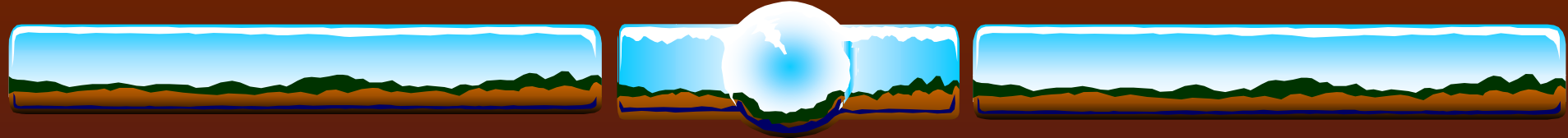


# Analysis Tools

- ❖ PC-Based
  - ❖ SAVER/ArcView
  - ❖ Collision Diagram
  - ❖ IMAT/CMAT
- ❖ Mainframe
  - ❖ SAS
  - ❖ Analysis-specific tools
- ❖ CTAMS
- ❖ ITSDS

# System Picture





# Websites

- ❖ SAVER: <http://www.dot.state.ia.us/crashanalysis/>
- ❖ TraCS: <http://www.dot.state.ia.us/natmodel/>
- ❖ Driver Services: <http://www.dot.state.ia.us/mvd/ods/>
- ❖ Iowa SMS: <http://www.iowasms.org/>
- ❖ State Patrol: <http://www.state.ia.us/government/dps/isp/>
- ❖ CTRE: <http://www.ctre.iastate.edu/>
  - ❖ ITSDS: <http://www.ctre.iastate.edu/itsds/>



# Acronyms

- ❖ CODES – Crash Outcome Data Evaluation System
- ❖ CMAT – Crash Mapping and Analysis Tool
- ❖ CTAMS – Coordinated Traffic Analysis Management System
- ❖ CVARS – Commercial Vehicle Accident Reporting System
- ❖ FARS – Fatal Accident Reporting System
- ❖ IMAT – Incident Mapping Tool
- ❖ ITSDDS – Iowa Traffic Safety Data Service
- ❖ LRS – Linear Referencing System
- ❖ MMUCC – Model Minimum Uniform Crash Criteria
- ❖ OWI Tracking – Operating While Intoxicated Tracking
- ❖ SAVER – Safety Analysis, Visualization, and Exploration Resource for Iowa's 5Es (Engineering, Enforcement, Education, Emergency Response, Everyone else)
- ❖ SMS – Safety Management System
- ❖ STRAC – Statewide Traffic Records Advisory Committee
- ❖ TraCS – Traffic and Criminal System